Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 30 Nov 2022 until 23:59 on Thursday 01 Dec 2022

Forecast Issued on Wednesday 30 Nov 2022 at 00:06

Confidence: High confidence for cold and mainly dry conditions developing with high pressure to the east of the United Kingdom, light southeasterly winds are expected but feeling very cold with night frosts and mist and fog developing widely. Lower confidence in timing and clearance of fog.

Headline for Wednesday 30 Nov 2022: Mist and fog persistent for much of the day, some brighter spells developing with light winds.

Mountain weather hazards on Wednesday 30 Nov 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG	MIST	FOG	FOG
Fog	Fog	Fog	Mist	Fog	Fog
Precipitation probability					
10%	10%	10%	10%	10%	10%

Forecast for Wednesday 30 Nov 2022

Weather: Mist and fog may be quite dense at times overnight with some drizzle in thicker fog or freezing fog patches, and this may be slow to clear during the morning especially lingering around southern areas. An early cloud temperature inversion is highly likely in the morning. Where the fog does lift we will see some cloud breaks developing and some brighter spells the best chance is towards the east of the Peak District. Mist and fog is likely to form once again in the evening.

Chance of cloud-free hill tops above 600m: 20% rising to 40%, low cloud and fog will persist for much of the day.

Low cloud and visibility: Broken or extensive layers of cloud above 300m are likely in the morning, it is possible the higher summits will be clear with good view and sunshine at this level. Cloud layers will be slow to lift and clear especially in the north and west but some eastern areas seeing some cloud breaks during the afternoon. Visibility will be poor or very poor in fog and mist patches but will be moderate beneath cloud layers and also possibly good on the higher tops.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Wednesday 30 Nov 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/11 S	9/13 S	10/14 S	9/12 S	9/13 S	9/14 S	9/14 S
300	7/10 S	6/10 SE	8/12 S	6/9 S	6/10 S	4/7 SE	4/8 S
Valley	5/10 S	5/10 SE	5/11 S	5/9 S	3/8 SE	3/9 SE	3/10 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-4	1/-4	2/-3	2/-2	2/-2	2/-1	2/-1
300	2/-1	3/0	4/1	4/2	4/1	4/3	4/3
Valley	3/1	4/2	5/3	5/3	5/3	5/4	5/4
Freezing Level*	600m	700m	900m	1100m	1100m	1200m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Mainly light winds and feeling quite cold at all levels despite any sunshine. An inversion is likely with clear tops for the highest hills but it will feel very cold in cloud layers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 30 Nov 2022	0.4mm	0.6mm	0.8mm

Forecast for Thursday 01 Dec 2022

Weather: Cloudy overnight with some patchy drizzle. A dull morning with patchy drizzle continuing, mist and fog patches likely too. Remaining cloudy through much of the day but cloud perhaps thinning in the afternoon with one or two brighter spells possible. Cloud thickening with some mist again in the evening.

Maximum wind: Southeasterly 5-10mph.

Chance of cloud-free hill tops above 600m: 20% improving to 40% in the afternoon. Low cloud in association with patchy drizzle.

Low cloud and visibility: Broken or overcast layers above 300m for much of the day, perhaps becoming more scattered in the afternoon in the south of the Peak District. Visibility quite poor in the morning with drizzle and outbreaks of light rain, good navigation skills will be required at times.

Temperature: **Valleys:** Plus 3 rising to 8 Celsius.
At 600m: Plus 3 Celsius
Freezing level: Above all summits

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